

INFORMATION DISCLOSURE CITATION

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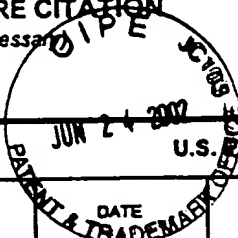
Docket No. 9222.16785-

Serial No.: 09/924,935

Applicant: Utley et al.

Filing Date: 08 August 2001

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MINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,309,910	05/10/1994	Edwards et al.			
	5,313,943	05/24/1994	Houser et al.			
	5,314,466	05/24/1994	Stern et al.			
	5,316,020	03/31/1994	Truffer			
	5,324,284	06/28/1994	Imran	TECHNOLOGY CENTER	H3700	
	5,328,467	07/12/1994	Edwards et al.			
	5,334,196	08/02/1994	Scott et al.			
	5,336,222	08/09/1994	Durgin, Jr. et al.			
	5,345,936	09/13/1994	Pomeranz et al.			
	5,348,554	09/20/1994	Imran et al.			
MP	5,363,861	11/15/1994	Edwards et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MP	0 139 607	5/1985	EPO				
	0 608 609	8/1994	EPO				
	43 03 882	2/1995	Germany				
	38 38 840	2/1997	Germany				
MP	91/01773	1991	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP		Castell, D.O. "Gastroesophageal Reflux Disease: Current Strategies for Patient Management." Arch Fam Med. 5(4): 221-7.
MP		Dallemagne, B. et al., "Laparoscopic Nissen Fundoplication: Preliminary." Surgical Laparoscopy & Endoscopy. 1991 1(3): 138-43

MINER	DATE CONSIDERED 9/25/02
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,365,926	11/22/1994	Desai			
	5,365,945	11/22/1994	Halstrom			
	5,366,490	11/22/1994	Edwards et al.			
	5,368,557	11/29/1994	Nita et al.			
	5,368,592	11/29/1994	Stern et al.			
	5,370,675	12/06/1994	Edwards et al.			
	5,370,678	12/06/1994	Edwards et al.			
	5,383,876	01/24/1995	Nardella			
	5,383,917	01/24/1995	Desai et al.			
	5,385,544	01/31/1995	Edwards et al.			
MP	5,397,339	03/14/1995	Desai			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MP	92/10142	1992	PCT				
	93/08755	1993	PCT				
	94/10925	1994	PCT				
	94/21165	1994	PCT				
MP	94/21178	1994	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP	Hinder, R.A. et al., "The Technique of Laparoscopic Nissen Fundoplication." Surgical Laparoscopy & Endoscopy. 1992. 2(3): 265-272.
MP	Karlstrom, L.H. et al. "Ectopic jejunal pacemakers and enterogastric reflux after Roux gastrectomy: Effect of intestinal pacing." Surgery 1989. 106(3): 486-495

EXAMINER	DATE CONSIDERED
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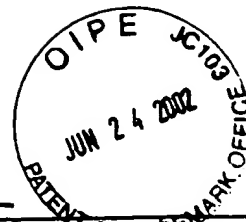
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EXAMINER TAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UP	5,398,683	03/21/1995	Edwards et al.			
	5,401,272	03/28/1995	Perkins			
	5,403,311	04/04/1995	Abele et al.			
	5,409,453	04/25/1995	Lundquist et al.			
	5,409,483	04/25/1995	Campbell et al.			
	5,415,657	05/16/1995	Taymor-Luia			
	5,421,819	06/06/1995	Edwards et al.			
	5,423,808	06/13/1995	Edwards et al.			
	5,423,811	06/13/1995	Ellman et al.			
	5,423,812	06/13/1995	Ellman et al.			
UP	5,433,739	07/18/1995	Sluijter et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
UP	94/22366	1994	PCT				
	94/26178	1994	PCT				
	95/18575	1995	PCT				
	95/19142	1995	PCT				
UP	95/25472	1995	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

UP	Kelly, KA. et al, "Doudenal-gastric reflux and slowed gastric emptying by electrical pacing of the canine duodenal pacesetter potential." Gastroenterology. 1977. 72(3): 429-33
UP	Reynolds, J.C. "Influence of pathophysiology, severity, and cost on the medical management of gastroesophageal reflux disease." Am J Health-Syst Pharm. 53 (22 Suppl 3): S5-12.

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M. P. [Signature]

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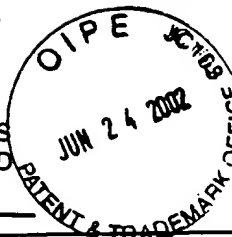
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IER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,435,805	07/25/1995	Edwards			
	5,441,499	08/15/1995	Fritzsche			
	5,443,470	08/22/1995	Stern et al.			
	5,456,662	10/10/1995	Edwards et al.			
	5,456,682	10/10/1995	Edwards et al.			
	5,458,596	10/17/1995	Lax et al.			
	5,458,597	10/17/1995	Edwards et al.			
	5,465,717	11/14/1995	Imran et al.			
	5,470,308	11/28/1995	Edwards et al.			
	5,471,982	12/05/1995	Edwards et al.			
MP	5,472,441	12/05/1995	Edwards et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MP	96/00042	1996	PCT				
	96/29946	1996	PCT				
	96/16606	1996	PCT				
	96/00042	1996	PCT				
MP	97/06857	1997	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Urschel, J.D. "Complications of Antireflux Surgery." Am J Surg. 1993. 166(1): 68-70.

Kaneko, et al., Physiological Laryngeal Pacemaker, May 1985, Trans Am Soc. Artif. Intern Organs, Vol. XXXI, pgs. 293-296

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Unknown

Group Art Unit

Unknown

MINER IAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
up	1,798,902	03/31/1931	Raney			
	3,517,128	06/23/1970	Hines			
	3,901,241	08/26/1975	Allen, Jr.			
	4,011,872	03/15/77	Komiya			
	4,196,724	04/08/1980	Wirt et al.			
	4,411,266	10/25/1983	Cosman			
	4,423,812	01/03/1984	Sato			
	4,532,924	08/06/1985	Auth et al.			
	4,565,200	01/21/1986	Cosman			
	4,705,041	11/10/1987	Kim			
up	4,901,737	02/20/1990	Toone			

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Group Art Unit

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IER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,484,400	01/16/1996	Edwards et al.			
	5,486,161	01/23/1996	Lax et al.			
	5,490,984	02/13/1996	Freed			
	5,496,271	03/05/1996	Burton et al.			
	5,496,311	03/05/1996	Abele et al.			
	5,500,012	03/19/1996	Brucker et al.			
	5,505,728	04/09/1996	Ellman et al.			
	5,505,730	04/09/1996	Edwards			
	5,507,743	04/16/1996	Edwards et al.			
	5,509,419	04/23/1996	Edwards et al.			
MP	5,514,130	05/07/1996	Baker			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MP	97/32532	1997	PCT				
MP	97/43971	1997	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP		Mugica et al. Direct Diaphragm Stimulation, Jan. 1987 PACE, Vol. 10, pgs 252-256
MP		Mugica et al., Neurostimulation: An Overview, Chapter 21, Preliminary Test of a Muscular Diaphragm pacing System on Human Patients. 1985. pgs3. 263-279

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U.S. PATENT DOCUMENTS

NER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,263,493	11/23/1993	Avitall			
	5,275,162	01/04/1994	Edwards et al.			
	5,275,608	01/04/1994	Forman et al.			
	5,275,610	01/04/1994	Eberbach			
	5,277,201	01/11/1994	Stern			
	5,281,216	01/25/1994	Klicek			
	5,281,217	01/25/1994	Edwards et al.			
	5,281,218	01/25/1994	Imran			
	5,290,286	03/01/1994	Parins			
	5,292,321	03/08/1994	Lee			
MP	5,293,869	03/15/1994	Edwards et al.			

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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MINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,190,541	03/02/1993	Abele et al.			
	5,197,963	03/30/1993	Parins			
	5,197,964	03/30/1993	Parins			
	5,205,287	04/27/1993	Erbel et al.			
	5,215,103	06/01/1993	Desai			
	5,232,444	08/03/1993	Just et al.			
	5,236,413	08/17/1993	Fiering			
	5,242,441	09/07/1993	Avitall			
	5,254,126	10/19/1993	Filipi et al.			
	5,256,138	10/26/1993	Vurek et al.			
MP	5,257,451	11/02/1993	Edwards et al.			

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AMINER TAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	5,057,107	10/15/1991	Parins et al.			
	5,078,717	01/07/1992	Parins et al.			
	5,083,565	01/28/1992	Parins			
	5,084,044	01/28/1992	Quint			
	5,088,979	02/18/1992	Filipi et al.			
	5,094,233	03/10/1992	Brennan			
	5,100,423	03/31/1992	Fearnot			
	5,106,360	04/21/1992	Ishiwara et al.			
	5,122,137	06/16/1992	Lennox			
V	5,125,928	06/30/1992	Parins et al.			
MP	5,156,151	10/20/1992	Imran			

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M. P. Utley

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AMINER TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	4,906,203	03/06/1990	Margrave et al.			
	4,907,589	03/13/1990	Cosman			
	4,943,290	07/24/1990	Rexroth et al.			
	4,947,842	08/14/1990	Marchosky et al.			
	4,955,377	09/11/1990	Lennox et al.			
	4,966,597	10/30/1990	Cosman			
	4,976,711	12/11/1990	Parins et al.			
	5,019,075	05/28/1991	Spears et al.			
	5,305,696	07/30/1991	Rydell			
MP	5,046,512	09/10/1991	Murchie			
	5,047,028	09/10/1991	Qian			

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✓	5,514,131	05/07/1996	Edwards et al.			
	5,520,684	05/28/1996	Imran			
	5,531,676	07/02/1996	Edwards et al.			
	5,531,677	07/02/1996	Lundquist et al.			
	5,536,240	07/16/1996	Edwards et al.			
	5,536,267	07/16/1996	Edwards et al.			
	5,540,655	07/30/1996	Edwards et al.			
	5,549,644	08/27/1996	Lundquist et al.			
	5,554,110	09/10/1996	Edwards et al.			
	5,556,377	09/17/1996	Rosen et al.			
✓	5,558,672	09/24/1996	Edwards et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓		Rice et al., Endoscopic Paranasal Sinus Surgery, Chapter 5, Functional Endoscopic Paranasal Sinus Surgery, The Technique of Messerklinger, Raven Press, 1988, pgs. 75-104
✓		Rice et al., Endoscopic Paranasal Sinus Surgery, Chapter 6, Total Endoscopic Sphenoidectomy, The Technique of Wigand, Raven Press, 1988, pgs. 105-125

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IER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ref	5,558,673	09/24/1996	Edwards et al.			
	5,562,720	10/08/1996	Stern et al.			
	5,571,116	11/05/1996	Bolanos et al.			
	5,578,007	11/26/1996	Imran			
	5,588,432	12/31/1996	Crowley			
	5,588,960	12/31/1996	Edwards et al.			
	5,599,345	02/04/1997	Edwards et al.			
	5,609,151	03/11/1997	Mulier et al.			
	5,624,439	04/29/1997	Edwards et al.			
ref	5,672,153	09/30/1997	Lax et al.			
ref	5,676,674	10/14/1997	Bolanos et al.			

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MP	5,688,266	11/18/1997	Edwards et al.			
	5,688,490	11/18/1997	Tournier et al.			
	5,702,438	12/30/1997	Avitall			
	5,709,224	01/20/1998	Behl et al.			
	5,732,698	03/31/1998	Swanson et al.			
	5,738,096	04/14/1998	Ben-Haim			
	5,830,213	11/03/1998	Panescu et al.			
	5,836,874	11/17/1998	Swanson et al.			
	5,860,974	01/19/1999	Abele			
MP	5,871,483	02/16/1999	Jackson et al.			

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
MP	5,688,266	11/18/97	Edwards et al.	606	31	

FOREIGN PATENT DOCUMENTS

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						YES	NO
MP	WO 94/22366	10/13/94	PCT	A61B	5/04		

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